

IN THE CLAIMS

1. (currently amended) A system comprising:

a plurality of clients, each said client comprising a plurality of user interface classes and at least one class that provides access to a database;

a server comprising a plurality of servlets, at least some of said servlets providing at least one of a database and server access capability to each said client; and

said database comprising a plurality of tables, at least one of said tables comprising at least one error proofing example entered by a user and meta-data entered by the user that describes the at least one error proofing example, at least one of said tables comprising at least one failure mode associated with the error proofing example, the error proofing example, at least one failure mode and meta-data defined by the user when creating the at least one error proofing example, said database accessed by each said client via said server.

2. (original) A system in accordance with Claim 1 wherein each said user interface classes comprise at least two visual components for controlling information shown to a user and for handling user input.

3. (original) A system in accordance with Claim 2 wherein one of said user interface classes constructs and displays a menu of web pages that a user can view.

4. (original) A system in accordance with Claim 2 wherein one of said user interface classes initializes and displays forms.

5. (original) A system in accordance with Claim 1 wherein said class that provides access to said database formats SQL statements and invokes requests to servlets in said server that provide database access.

6. (original) A system in accordance with Claim 1 wherein said server comprises servlets for database queries and updating, uploading a document and updating said database, downloading a document, and extracting user permissions from said database.

7. (original) A system in accordance with Claim 1 wherein one of said tables stores processes to which an error proofing example applies and failure modes associated with an error proofing example.

8. (original) A system in accordance with Claim 1 wherein one of said tables stores part families to which an error proofing example applies.

9. (original) A system in accordance with Claim 1 wherein one of said tables stores a solution stage to which a solution of an error proofing example applies.

10. (original) A system in accordance with Claim 1 wherein one of said tables stores data identifying users of the error proofing website.

11. (original) A system in accordance with Claim 1 wherein one of said tables stores textual data relating to the error proofing example.

12. (original) A system in accordance with Claim 1 wherein one of said tables stores a principle and related strategy that are associated with an error proofing example.

13. (currently amended) A method for identifying an error proofing technique for a given application using a web-based system, the system including a plurality of clients including a plurality of user interface classes, a server including a plurality of servlets, and a database including a plurality of tables including at least one example of an error proofing technique entered by a user and user defined ~~meta-data that describes~~ meta-data entered by the user to describe the error proofing example, said method comprising the steps of:

using at least one interface class to provide access to a database;

using at least some of the servlets to provide at least one of database and server access capability to a client;

entering at least one example of an error proofing technique by a user and meta data entered by the user to describe the error-proofing example;

accessing a table containing an error proofing example;

storing failure modes in the table associated with the error proofing example; and

choosing an error proofing technique to fit the given application.

14. (original) A method in accordance with Claim 13 wherein said step of using at least one interface class to provide access to a database further comprises the step of providing at least two visual components for controlling information shown to a user and for handling user input.

15. (original) A method in accordance with Claim 14 wherein said step of providing at least two visual components for controlling information shown to a user and for handling user input further comprises the step of constructing and displaying a menu of web pages that a user can view.

16. (original) A method in accordance with Claim 14 wherein said step of providing at least two visual components for controlling information shown to a user and for handling user input further comprises the step of initializing and displaying forms.

17. (original) A method in accordance with Claim 13 wherein said step of using at least some of the servlets to provide at least one of database and server access capability to a client further comprises the steps of:

providing access to database formats SQL statements; and

invoking requests to servlets in the server that provides database access.

18. (original) A method in accordance with Claim 13 wherein said step of using at least some of the servlets to provide at least one of database and server access capability to a client further comprises the steps of:

querying the database;

uploading a document and updating the database; and

downloading a document and extracting user permissions from the database.

19. (original) A method in accordance with Claim 13 wherein said step of accessing a table containing an error proofing example further comprises the steps of:

storing processes in the table to which an error proofing example applies.

20. (previously presented) A method in accordance with Claim 13 wherein said step of accessing a table containing an error proofing example further comprises the steps of:

storing part families in the table to which an error proofing example applies;

storing a solution stage in the table to which a solution of an error proofing example applies;

storing data identifying users of the error proofing website in the table;

storing textual data relating to the error proofing example in the table; and

storing a principle and related strategy that are associated with an error proofing example in the table.